



## Networking Analyst

### DESCRIPTION OF WORK:

This is technical and analytical work in providing network system planning, configuration, installation, maintenance, high-level trouble-shooting and/or security. Analysts consult with clients to determine future network systems requirements and their costs. Analysts will design additions to the network, determine solutions to complex network problems and issues of network integrity and security. Work may include the design and review of internal and external infrastructure requirements, supporting the provision of voice, data, video, distribution of cabling and/or other technologies. Work may also include analysis of network performance recommendations for improvement(s). Employees may serve in a security specialty area ensuring the agency/university information systems assets are protected from intentional or inadvertent access or destruction.

### EXAMPLES OF COMPETENCIES:

#### CONTRIBUTING:

- **Planning and Organizing:** Ability to work independently and perform job with general supervision.  
Ability to organize and follow detailed technical procedures.
- **Project Management:** Ability to serve as a productive team member on a project team or manage a project task.
- **Technical Knowledge:** Ability to evaluate and maintain technology of moderate complexity.
- **Technical Solution Development:** Knowledge of available technologies to assess and recommend solutions for work of moderate complexity in voice, video or data.
- **Technical Support:** Ability to effectively use available tools in problem solving and systems analysis.
- **Consultancy Skills:** Ability to convey technical information to client and promote understanding of relevant issues.

#### JOURNEY

- **Planning and Organizing:** Ability to establish work standards, standard processes and references and provide input to management.
- **Project Management:** Ability to manage one module of a larger project or whole projects of small to medium complexity.  
Ability to develop project plan, manage milestones and drive project forward for projects of moderate complexity.
- **Technical Knowledge:** Ability to evaluate, design and maintain moderately complex to complex technologies.
- **Technical Solution Development:** Knowledge of solutions that impact the statewide/agency/university infrastructure.  
Ability to assess available technologies and recommends solutions for work of moderately complex to complex technology.
- **Technical Support:** Ability to identify trends in reoccurring operational problems and take action to prevent future occurrences.
- **Consultancy Skills:** Ability to consult on issues and requests from clients that require the implementation or creation of a custom solution.

**ADVANCED**

- **Planning and Organizing:** Ability to reorganize work assignments of other employees and adapts their workload, if necessary, to unanticipated changes. May be in a lead role.
- **Project Management:** Ability to manage projects that require directing the work of others and with some latitude on actions or decisions.
- **Technical Knowledge:** Significant knowledge in a technical specialty area to serve as technical resource to technicians & other analysts.
- **Technical Solution Development:** Ability to develop solutions that impact the statewide/agency/university infrastructure. Significant knowledge in a specialty or related area to be able to investigate, research and integrate new technologies to improve performance.
- **Consultancy Skills:** Understands the market, industry and competitors that have an impact on the customer's business. Ability to consult with senior level decision-makers, on an on-going basis, to discuss alternative technical solutions and to develop long-range strategic alternatives.

**MINIMUM TRAINING AND EXPERIENCE:**

Graduation from a four-year college or university with a major in electronics, telecommunications, engineering, or a closely related field. Experience in the field of work related to the position's role may be substituted on a year-for-year basis.

Special Note: This is a generalized representation of positions in this class and is not intended to reflect essential functions per ADA. Examples of competencies are typical of the majority of positions, but may not be applicable to all positions.

Degrees must be received from appropriately accredited institutions.